MARYLAND

DEPARTMENT OF
BUDGET & MANAGEMENT

Maryland Technical Architecture Framework (MTAF)

Enterprise Architecture Awareness Seminar:
EA and the Value Proposition

April 28th, 2005

Agenda

- Welcome

- EA and the Value Proposition

- Questions & Answers

- Appendix A: MTAF Update

- Appendix B: Panelist Bios

Welcome

- **Maryland's EA program is in the initial year:**
  - ➢ The MTAF project is focused on development of the technical architecture layer with participation from 55 state agencies

- **The MTAF project has:**
  - ➢ Captured State Business Drivers
  - ➢ Designed a Technical Reference Model (TRM)
  - ➢ Implemented a web-based EA repository
  - ➢ Populated the repository with agency technology information
  - ➢ Begun standardization of technology information

- **Proposed next steps:**
  - ➢ Development of the business and application layers of the EA

Welcome

- **Objective of Seminars**
  - To provide a general background in Enterprise Architecture concepts

- **Previous Seminars**
  - Introduction to Enterprise Architecture – July '04
  - Technical Architecture 101 – November '04
  - EA and the Project Lifecycle – January '05

- **Fourth Seminar in the series**
  - EA and the Value Proposition

- **Final Seminar**
  - Topic TBD – May '05

Welcome

- Web site – www.dbm.maryland.gov
  - ➢ IT Architecture

- Email – MTAF@dbm.state.md.us

EA and the
Value Proposition

Panelists

- Michael Dunham, Thomas & Herbert LLC
- Michael Farber, Booz Allen Hamilton
- Thelma Lipscomb, Department of State
- Roy Mabry, Department of Defense
- Paul Markovitz, National Science Foundation
- Diane Morrison, Department of Defense
- Gary Washington, Food & Drug Administration

Topic One

- Briefly describe the EA program within your agency and the types of EA projects that are in progress or completed in the past 2-3 years.

- Describe the organizational structure of the EA practice, the reporting structure, and approximate staffing levels.

Topic Two

- ■ What are the target benefits that your organization has defined to describe the EA value proposition?

- ■ Where has your organization had the greatest success in demonstrating target benefits?

- ■ What are the performance measures or metrics that you have used to demonstrate target EA benefits?

Topic Three

- Which elements of your EA practice have made the greatest contribution to the realization of target EA benefits, e.g., architecture development, executive leadership, governance, IT lifecycle integration, communications, training, tools?

- Please elaborate as to how these elements have contributed to the success of the EA program.

Topic Four

- How does your organization's EA practice collaborate with business units to develop and maintain enterprise architecture and to realize target EA benefits?

- Can you describe specific cases studies that demonstrate how collaboration with business units has led to the realization of one or more target EA benefits?

Topic Five

- What have been the greatest obstacles to the realization of target EA benefits in your organization, and what efforts has your EA practice undertaken to overcome these obstacles?

Questions & Answers

Contact Us

MTAF@dbm.state.md.us

Kris Shelor   410-260-6017

Paula Ebnet 410-260-7197

Thank You

Appendix A: MTAF Update

Project Status

- **Completed Activities**
  - ➤ Published Guiding Principles
  - ➤ Published High-Level Business Drivers
  - ➤ Conducted three EA Awareness Seminars
    - ❑ MTAF Introductory Meeting
    - ❑ Technical Architecture 101
    - ❑ EA and the Project Lifecycle
  - ➤ Designed Technical Reference Model (TRM)
  - ➤ Conducted TRM Technology Collection Q&A sessions with 47 of 55 agencies
  - ➤ Collected Technology Surveys from 39 Agencies
  - ➤ Populated Repository with Agency Data
  - ➤ Designed and Developed Repository Reports

Project Status

- **Ongoing Activities**
  - Standards Committees
    - Generate Reports for use by Standards Committees
    - Participate in Standards Committee meetings
  - Respond to Agency Inquiries
    - State Retirement Agency: What are other agencies doing for document imaging/scanning? What agencies are using FileNet?
    - State Archives: What are other agencies doing for Intrusion Detection/Prevention?
    - Public Safety and Correctional Services: What are other agencies doing for Security?
    - Juvenile Services: What agencies are using both Novell NBO and BorderManager?

Project Status

- **Upcoming Activities**
  - ➤ Complete Technology Collection Activities
  - ➤ Review and Analyze Technology Information
  - ➤ Develop Transition Plan
  - ➤ Stand-up Additional Standards Committees

Appendix B: Panelist Bios

Michael Dunham

- Michael Dunham is the Chief Architect for Thomas & Herbert LLC. In this role, Dunham spearheads T&H's strategic EA activities, assists clients with solving complex business problems via EA and e-Gov solutions, and leads the Firm's EA Center of Excellence.

- As Chief Architect at Treasury, Mr. Dunham served on the Governance sub-Committee of the Architecture and Infrastructure Committee of the Federal CIO Council that assisted OMB in developing the Federal EA. He led the recently formed Chief Architects Forum that is assisting Chief Architects across government to collaborate in identifying and resolving the most pressing issues facing them. Mr. Dunham took a sabbatical from Treasury from 1999 - 2001 to serve as the Director of the National Academy of Public Administration's Center for eGovernance. Prior to his sabbatical, Mr. Dunham served as the Change Manager for the OCIO at Treasury. He oversaw reorganization of that office's internal operations. He also served on a team under the direction of the Deputy Secretary of HHS that was responsible for developing a series of recommendations for the reorganization of departmental operations. Mr. Dunham also worked with the National Performance Review, assisting in the development of a series of recommendations to improve government operations through the use of IT.

Michael Farber

- Michael Farber leads Booz Allen's IT Strategy, Innovation, and Management Group, located in Washington, DC and McLean, VA. The Group specializes in the formulation and implementation of practical strategies and solutions that to improve mission performance, facilitate the transformation of Federal organizations, and allow agencies to gain tighter control over the management of their IT resources and to realize greater returns on their IT investments. Michael and his team led the development of the Federal Enterprise Architecture (FEA), the FEA Security-Privacy Profile, and are currently working with the National Archives and Records Administration to develop a candidate Federal Records Management Architecture.

- Michael has worked with Federal agency clients including the Office of Management and Budget, the Federal CIO Council, the Department of Energy, the Department of Labor, the Department of Housing and Urban Development, the Department of Justice, the Environmental Protection Agency, the Department of the Interior, the Department of Transportation, and the Department of Education.

- Michael also has advised several commercial clients, including Warner Brothers, Volkswagen of North America, and Dow Jones to help them advance and gain immediate value from their EA Programs. He is a founding member and serves on the Board of Directors of the commercially focused Enterprise Architecture Interest Group.

Thelma Lipscomb

- Ms. Lipscomb has over 18 years of experience in technical analysis, strategic and tactical planning, budget formulation and execution, system life cycle development, policy and procedures development, and program/project management. At least 17 years have been spent at the Department of State where she spent over 8 years developing information technology policies and procedures; established a Bureau-wide IT Governance process; and has spent over 5 years working in Enterprise Architecture.

- She received certification in Enterprise Architecture through the FEAC Institute in 2003 while on detail at the Office of Personnel Management (OPM) where she developed the Solution Architecture for the Enterprise Human Resource Integration Project, which was one of the President's Management Agenda E-Government initiatives. At OPM, Ms. Lipscomb developed a roadmap for establishing the E-Gov Enterprise Architecture for all of OPM's E-Government initiatives.

Roy E. Mabry, Jr.

- Since April 2000, Mr. Mabry has served as Senior Enterprise Architect for the Department of Defense, Office of the Chief Information Officer. He currently serves as Co-Chair of the Governance Subcommittee, Architecture & Infrastructure Committee, U.S. CIO Council where he works in partnership with the Office of Management and Budget and the U.S. CIO Council to facilitate efforts to transform the Federal Government to one that is citizen-centered, results-oriented, and market-based. He plays an instrumental role in shaping the Federal Enterprise Architecture which is a set of 5 interrelated "reference models" designed to facilitate cross-agency analysis and the identification of duplicative investments, gaps, and opportunities for collaboration within and across Federal Agencies. He works with the State and Local governments to extend the EA Value proposition and ensure better collaboration between and among levels of government in light of issues surrounding Homeland Security.

- His work involves a wide range of information technology (IT) management activities that typically extends and applies to the entire government. He is currently focused on architecture and infrastructure planning and management where he leads the development, implementation, and ensures compliance with plans, policies, standards, infrastructures, and architectures that establish the framework for the management for all IT programs across government. Prior to his current assignment, Mr. Mabry has held other senior positions in government and industry where he has been an advocate for leveraging of information technology to improve business processes and make complex organizations work better and costs less to include the Federal government and private sector organizations. He holds a Bachelors of Science degree in Industrial Technology and a Masters degree specializing in organizational behavior and the management process.

Paul Markovitz

- Paul Markovitz has over 17 years of IT experience; 15 of those years have been spent in federal service, and for nearly 10 years he has specialized in Federal grant management systems. Presently, Mr. Markovitz is the Enterprise Architect for the National Science Foundation. He also led the initial enterprise architecture development for the federal Grants Management Line of Business.

- Exposure to federal grants began in 1996, when Mr. Markovitz was hired to help with planning and development activities for the grant management system at the National Institutes of Health. Prior to NIH, Mr. Markovitz worked for 10 years in the Information Technology Laboratory at the National Institute of Standards and Technology, where he specialized in various data communication and data security standards.

- Mr. Markovitz is a graduate from Loyola College in Baltimore, Maryland. He holds a Masters Degree in Computer Science.

Diane Morrison

- Diane Morrison is the Enterprise Business Manager for Defense Procurement and Acquisition Policy, Electronic Business. She is responsible for architecture development, portfolio management and transition planning. She previously served as the acquisition representative to the Business Management Modernization Program, which is the most significant effort by the Department of Defense to transform its business management processes and systems.

- Ms. Morrison began her career with DoD in 1992 as a Contracting Officer for the Electronic Systems Center at Hanscom Air Force Base (AFB). Early in her DoD career, she directed contract negotiators and managed contracting support for major initiatives including Cheyenne Mountain Upgrade programs and programs for the DoD Intelligence Community. In 1996, she became a Procurement Analyst responsible for developing acquisition strategies and business solutions for the Electronic Systems Center's acquisition development office..

- Ms. Morrison joined the office of the Secretary of the Air Force for Acquisition (SAF/AQC) in 1998 where she organized and led the Air Force's deployment of the Standard Procurement System (SPS) and provided post-deployment support. She worked at a senior level as the SPS Program Element Monitor to prepare the Air Force's contracting business sites for changing information technology requirements and implemented strategies to allocate resources to support the new contracting system. She also took the lead on resolving cross-functional issues once the program was deployed.

- Ms. Morrison is currently an IT Partner with the IAC (Industry Advisory Council) Information Technology (IT) Partners Program. In 2000, Ms. Morrison was recognized for her contributions to the Air Force for the SPS deployment. She also was the recipient of a Certificate of Appreciation for outstanding contributions to Defense Reform and was named "Civilian of the Quarter" by the Secretary of the Air Force for Acquisition in 1999.

- Ms. Morrison earned a master's degree in public administration from Harvard University in 1996 and a bachelor's degree in political science from the University of New Hampshire in 1980.

Gary Washington

■ As Chief Architect for FDA and senior consultant for Agency-wide Enterprise Architecture activities, Mr. Washington manages and directs the creation, implementation and maturation of the Enterprise Architecture Program. He is responsible for the creation of the agency-wide EA budget and disbursement of services and tools. He is also responsible for the implementation of IT governance and represents FDA at Federal, Departmental, and Agency and Civilian events as they pertain to Enterprise Architecture or as directed by the CIO. As the first Chief Architect for FDA, he is responsible for building the FDA EA program. He has taken the program from conception to GAO level 3 of maturity.

■ While at FDA, Mr. Washington's was the:
  ➤ Program Manager for FDA Server/Storage Area Network Consolidation for the infrastructure move to the new FDA White Oak Facility.
  ➤ Co-lead for the Federal Health Architecture, Food Safety Workgroup, which was responsible for creating and proposing the architecture for the food safety line of business government-wide.
  ➤ IT Senior Manager of the FDA Business Process Planning Group. Group Designed to facilitate business participation in information technology.

■ Prior to FDA, Mr. Washington provided architect support to HHS. He architected and implemented the first Department-wide IT asset tracking system. This system assisted in identifying IT hardware assets across the department, and proposed a roadmap for migration to a complete Enterprise System Management. He was then responsible for the development and maintenance of the HHS Enterprise Management System.

■ Mr. Washington was a guest speaker at the 2003 and 2004 E-Gov event. In 2003, he presented a case study, "FDA EA" and in 2004 he discussed "EA and the SDLC."

■ Mr. Washington created and leads FDA's Infrastructure Architecture Council, which is designed to manage and track all IT infrastructure projects.